

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. A method for transmitting text- and/or binary information (short message) in addition to voice information for a talker (if present) and at least one listener of a Voice Group Call, comprising the step of
sending a special, dedicated signal to all listeners and to the talker.
2. The method according to claim 1, wherein the message is sent in unacknowledged mode.
3. The method according to claim 1, wherein the special dedicated signal is a short message mobile terminated SM MT.
4. The method according to claim 1, wherein the SM follows the structure of a regular PtP-SMS in parallel to an ongoing PtP-voice- or PtP-cs-datacall.
5. The method according to claim 1, wherein the SM is send from the current talker to the network in form of a short message mobile originated SM MO.
6. The method according to claim 5, wherein the SM MO is sent in acknowledged mode.
7. The method according to claim 1, wherein the SM will be addressed by an associated Voice Group Call reference.
8. The method according to claim 1, wherein, if the current talker is sending a SM and during the sending the talker intends to end his speaking, the MS will hold the uplink until the SM is sent completely to the network.

9. The method according to claim 1, wherein a SME in the network requests the SC to send a SM to the members of a VGC, the SC interrogates the GCR in order to retrieve the routing information of an Anchor-MSC for this VGC, the SC forwards the SM to the appointed Anchor-MSC for this VGC, the Anchor-MSC itself forward the SM to all base station subsystems BSS partaking in the VGC and in addition to all Relay-MSCs, the Relay-MSCs send the SM to all respective BSS for this VGC, which transmit it to the listeners.

10. The method according to claim 1, wherein the current talker sends a SM via a SACCH of the respective uplink-channel on the resource controlling signalling connection control part SCCP to the MSC analogue to the sending of a PtP-SMS via the respective SACCH, where the destination of the SM can be either a MSISDN or a VGC-REFERENCE.

11. The method according to claims 1, wherein, by using the MSISDN, the SM is forwarded to the SC and there it is handled according to normal PtP-SM.

12. The method according to claim 1, wherein, by using the VGC-Reference, the SM is handled as accordingly the described procedures.

13. A mobile communication system with at least one logical unit for controlling signal exchange between the members of a Voice Call Group and with additional functional processing means for transmitting text-and/or binary information to one or more users of the Voice Group.

14. A mobile communication system according to claim 13, wherein the text- and/or binary information is a short message SM.